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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended December 18, 1987 NO. 51

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/18/87	Last Week Ending: 12/11/87	Last Year Week Ending: 12/19/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,264	12,992	13,043	272	221
Operable capacity	15,697	15,697	15,594	0	103
Percent operated	84.5	82.8	83.6		
Motor Gasoline					
Total motor gasoline production	7,088	6,706	7,085	382	3
Finished leaded motor gasoline production	1,589	1,414	2,069	175	-480
Finished unleaded motor gasoline production	5,499	5,292	5,016	207	483
Total motor gasoline stocks	227,556	224,728	227,664	2,828	-108
Finished leaded motor gasoline stocks	54,908	53,436	65,458	1,472	-10,550
Finished unleaded motor gasoline stocks	134,872	134,036	125,468	836	9,404
Jet Fuel Kerosine					
Jet fuel kerosine production	1,221	1,266	1,227	-45	-6
Jet fuel kerosine stocks	44,031	43,671	41,734	360	2,297
Distillate Fuel Oil					
Distillate fuel oil production	3,272	3,144	3,095	128	177
Distillate fuel oil stocks	128,396	129,558	152,270	-1,162	-23,874
Residual Fuel Oil					
Residual fuel oil production	1,058	864	1,025	194	33
Residual fuel oil stocks	48,594	48,432	44,833	162	3,761
Imports					
Crude oil imports	4,502	5,286	4,406	-784	96
Product imports	2,158	2,316	2,190	-158	-32
Crude Oil Stocks					
Crude oil stocks	355,557	360,713	340,944	-5,156	14,613

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,468	1,261	1,261	1,400	90.1
Appal. No. 1	103	93	94	105	89.5
DISTRICT 1 TOTAL	1,571	1,354	1,355	1,505	90.0
Ind., Ill., Ky.	2,201	1,913	1,950	2,220	87.8
Minn., Wis., Daks.	295	281	281	317	88.6
Okla., Kans., Mo.	683	625	626	720	86.9
DISTRICT 2 TOTAL	3,179	2,819	2,857	3,257	87.7
Inland Texas	503	455	455	569	80.0
Texas Gulf Coast	3,516	3,132	3,169	3,569	88.8
La. Gulf Coast	2,305	2,216	2,243	2,648	84.7
N. La. and Ark.	195	179	182	257	70.8
New Mexico	94	72	85	81	104.9
DISTRICT 3 TOTAL	6,613	6,054	6,134	7,124	86.1
DISTRICT 4 TOTAL	437	421	425	552	77.0
DISTRICT 5 TOTAL	2,580	2,481	2,493	3,259	76.5
TOTAL U.S.	14,380	13,129	13,264	15,697	84.5
TOTAL U.S. Weeks Ended:					
DEC. 11, 1987	14,253	12,895	12,992	15,697	82.8
DEC. 19, 1986	13,986	12,885	13,043	15,594	83.6
DISTRICTS 1-4 Weeks Ended:					
DEC. 18, 1987	11,800	10,648	10,771	12,438	86.6
DEC. 11, 1987	11,667	10,512	10,609	12,438	85.3
DEC. 19, 1986	11,683	10,589	10,751	12,526	85.8

API WEEKLY STATISTICAL BULLETIN
Week Ended December 18, 1987

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	688	73	615	24	80	416*	170
Appal. No. 1	39	13	26	--	--	30	4
DISTRICT 1 TOTAL	727	86	641	24	80	446*	174
Ind., Ill., Ky.	1,185*	214*	971	16	137	448	78
Minn., Wis., Daks.	154	35	119	--	7	70	8
Okla., Kans., Mo.	401	129	272	6	46	195	7
DISTRICT 2 TOTAL	1,740*	378*	1,362	22	190	713	93
Inland Texas	267	67	200	25	31	104	15
Texas Gulf Coast	1,594	342	1,252	36	311	757	198
La. Gulf Coast	1,236	278	958	43	261	617	141
N. La. and Ark.	56	10	46	8	6	59	11
New Mexico	44	16	28	9	1	18	--
DISTRICT 3 TOTAL	3,197	713	2,484	121	610	1,555	365
DISTRICT 4 TOTAL	234	96	138	14	21	129	11
DISTRICT 5 TOTAL	1,190	316	874	62	320	429	415
TOTAL U.S.	7,088	1,589	5,499	243	1,221	3,272	1,058
TOTAL U.S. Weeks Ended:							
DEC. 11, 1987	6,706*	1,414*	5,292	195	1,266	3,144*	864
DEC. 19, 1986	7,085	2,069	5,016	191	1,227	3,095	1,025
DISTRICTS 1-4 Weeks Ended:							
DEC. 18, 1987	5,898	1,273	4,625	181	901	2,843	643
DEC. 11, 1987	5,588*	1,142*	4,446	129	951	2,752*	502
DEC. 19, 1986	6,026	1,765	4,261	152	914	2,708	656

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended December 18, 1987

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,985	950	4,034	1	120	590	6,584*	1,147*	--
Central Atlantic	30,076	5,499	19,840	4,737	464	5,017	28,779	17,260	11,077*
Lower Atlantic	29,231	6,771	22,186	274	651	5,132	16,159	4,068	492
DISTRICT 1 TOTAL	64,292	13,220	46,060	5,012	1,235	10,739	51,522*	22,475*	11,569*
DISTRICT 2 TOTAL	62,149*	18,963	35,323*	7,863	1,047	8,826	34,008	3,392	14,951*
DISTRICT 3 TOTAL	66,348	13,303	37,695	15,350	2,393	16,962	29,662	13,395	44,671
DISTRICT 4 TOTAL	6,278	2,162	2,512	1,604	396	815	2,648	395	2,289
DISTRICT 5 TOTAL	28,489*	7,260	13,282*	7,947	1,867	6,689	10,556	8,937	22,482
TOTAL U.S.	227,556	54,908	134,872	37,776	6,938	44,031	128,396	48,594	95,962
TOTAL U.S.									
Weeks Ended:									
DEC. 11, 1987	224,728*	53,436	134,036*	37,256	6,547	43,671	129,558*	48,432*	97,479*
DEC. 19, 1986	227,664	65,458	125,468	36,738	7,068	41,734	152,270	44,833	97,087
DISTRICTS 1-4									
Weeks Ended:									
DEC. 18, 1987	199,067	47,648	121,590	29,829	5,071	37,342	117,840	39,657	73,480
DEC. 11, 1987	196,046*	46,221	120,240*	29,585	4,910	36,824	118,677*	38,736*	74,415*
DEC. 19, 1986	199,007	57,472	111,956	29,579	5,127	35,436	141,637	35,484	77,043

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended December 18, 1987

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1987	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	----------	Daily Average	----------		
DISTRICTS 1-4 TOTAL					
DEC. 18, 1987	5,074.4	5,191.0	4,360	644	269,531
DEC. 11, 1987	5,074.4	--	4,974*	588*	275,545
DEC. 4, 1987	5,099.4	--	4,543	591	276,433
NOV. 27, 1987	5,099.4	--	4,383	630	273,501
DISTRICT 5 TOTAL					
DEC. 18, 1987	3,176.8	3,008.0	142	11	86,026 ♦
DEC. 11, 1987	3,176.8	--	312	--	85,168
DEC. 4, 1987	3,180.7	--	147	15	82,856*
NOV. 27, 1987	3,180.7	--	176	1	81,600
TOTAL U.S.					
DEC. 18, 1987	8,251.2	8,199.0	4,502	655	355,557 ♦
DEC. 11, 1987	8,251.2	--	5,286*	588*	360,713
DEC. 4, 1987	8,280.1	--	4,690	606	359,289*
NOV. 27, 1987	8,280.1	--	4,559	631	355,101
DEC. 19, 1986	8,352.0 a/	--	4,406	612	340,944

♦INCLUDES 23,671 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

a/ DOE actual for December 1986.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
DEC. 18, 1987	16,687	72,997	167,047	12,800	269,531	86,026 ♦	355,557 ♦
DEC. 11, 1987	16,506	73,866	172,209	12,964	275,545	85,168*	360,713*
DEC. 19, 1986	13,654	77,592	160,173	12,026	263,445	77,499	340,944

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	28	--	28	--	--	--	27	82	2	--	--	139
Central Atlantic	81	10	71	44	--	24	79	615x	17	37	163	1,060x
Lower Atlantic	29	4	25	--	--	9	125	103	--	--	--	266
DISTRICT 1 TOTAL												
DEC. 18, 1987	138	14	124	44	--	33	231	800	19	37	163	1,465
DEC. 11, 1987	461	69	392	29	--	--	123	423	197	115	113	1,461
DEC. 4, 1987	78	29	49	22	--	19	245	690x	52	108	154	1,368x
NOV. 27, 1987	541	82	459	36	--	48	119	697	26	32	160	1,659
DISTRICTS 2-4 TOTAL												
DEC. 18, 1987	8	1	7	6	3	--	15	24	214	160	199	629
DEC. 11, 1987	32	5	27	2	--	--	10	16	367	100	238	765
DEC. 4, 1987	2	--	2	2	13	--	14	25	265	168	169	658
NOV. 27, 1987	57	6	51	19	30	--	9	23	256	125	160	679
DISTRICT 5 TOTAL												
DEC. 18, 1987	10	2	8	19	--	5	9	13	5	3	--	64
DEC. 11, 1987	35	8	27	23	--	--	6	9	14	3	--	90
DEC. 4, 1987	8	--	8	15	--	1	9	14	8	3	--	58
NOV. 27, 1987	44	10	34	26	--	2	5	13	7	4	1	102
TOTAL U.S.	156	17	139	69	3	38	255	837	238	200	362	2,158
TOTAL U.S. Weeks Ended:												
DEC. 11, 1987	528	82	446	54	--	--	139	448	578	218	351	2,316
DEC. 4, 1987	88	29	59	39	13	20	268	729x	325	279	323	2,084x
NOV. 27, 1987	642	98	544	81	30	50	133	733	289	161	321	2,440
DEC. 19, 1986	284	79	205	66	8	20	523	759	273	100	157	2,190

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 18, 1987

REVISIONS

12/04/87	PAGE 3	DISTILLATE FUEL	NEW ENGLAND	6,318
			DISTRICT 1 TOTAL	52,384
			TOTAL U.S.	128,628
			DISTRICTS 1-4	117,724
		RESIDUAL FUEL	NEW ENGLAND	1,232
			DISTRICT 1 TOTAL	21,080
			TOTAL U.S.	46,575
			DISTRICTS 1-4	37,223
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	82,856
			TOTAL U.S.	359,289
		ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	27,068
	PAGE 4 B	TOTAL	PAD DISTRICT 5	82,856
			TOTAL U.S.	359,289
	PAGE 5	RESIDUAL FUEL	CENTRAL ATLANTIC	525
			DISTRICT 1 TOTAL	690
			TOTAL U.S.	729
		TOTAL	CENTRAL ATLANTIC	1,001
			DISTRICT 1 TOTAL	1,368
			TOTAL U.S.	2,084
12/11/87	PAGE 2	TOTAL MGAS	IND., ILL., KY	1,145
			DISTRICT 2 TOTAL	1,704
			TOTAL U.S.	6,706
			DISTRICTS 1-4	5,538
		LEADED MGAS	IND., ILL., KY	149
			DISTRICT 2 TOTAL	301
			TOTAL U.S.	1,414
			DISTRICTS 1-4	1,142
		DISTILLATE FUEL	EAST COAST	373
			DISTRICT 1 TOTAL	409
			TOTAL U.S.	3,144
			DISTRICTS 1-4	2,752
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	62,107
			DISTRICT 5 TOTAL	28,682
			TOTAL U.S.	224,728
			DISTRICTS 1-4	196,046
		UNLEADED MGAS	DISTRICT 2 TOTAL	35,649
			DISTRICT 5 TOTAL	13,796
			TOTAL U.S.	134,036
			DISTRICTS 1-4	120,240
		UNFINISHED OILS	CENTRAL ATLANTIC	11,013
			DISTRICT 1 TOTAL	11,525

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 18, 1987

REVISIONS

		DISTRICT 2 TOTAL	15,567
		TOTAL U.S.	97,479
		DISTRICTS 1-4	74,415
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,974
		TOTAL U.S.	5,286
	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	588
		TOTAL U.S.	588